

**FULL SOUND ENHANCEMENT USING MULTI-INPUT SOUND
SIGNALS**

5

ABSTRACT OF THE DISCLOSURE

10

Input sound signals are accepted for presentation to a plurality of speakers where the number of physically present speakers is less than the number of input sound signals. The accepted signals are expanded and summed in a manner such that a listener perceives sounds as coming from the same number of speakers as there are input signals while having less speakers actually operational. In one embodiment there is shown a five input system having only two speakers. The system is functional when the inputs are stereo or monaural and when there are all five speakers available.

15

Rev. 05/19/97